



MIAMI-DADE COUNTY
DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Raynor Garage Doors
1101 East River Road, P.O. Box 448
Dixon, IL 61021

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Showcase / Masterpiece / TC200 Steel Sectional Garage Door up to 18'-2" Wide

APPROVAL DOCUMENT: Drawing No. **P-3314**, titled "Spec, Wind Load Showcase, Masterpiece, TC200", sheets 1 through 3 of 3, dated 10/23/2009, with revision B dated 06/16/2010, prepared by the manufacturer, signed and sealed by Richard A. Baumann, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **10-0921.05** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
07/25/2012

NOA No. 12-0517.16
Expiration Date: January 26, 2016
Approval Date: August 2, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS “Submitted under NOA # 10-0921.05”

1. Drawing No **P-3314**, titled “Spec, Wind Load Showcase, Masterpiece, TC200”, sheets 1 through 3 of 3, dated 10/23/2009, with revision B dated 06/16/2010, prepared by the manufacturer, signed and sealed by Richard A. Baumann, P.E.

B. TESTS “Submitted under NOA # 10-0921.05”

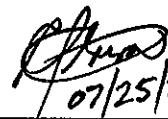
1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
2. Along with marked-up drawings and installation diagram of 218”x 84” Showcase/Masterpiece/TC200 Sectional Steel Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G493-0403-10**, dated 08/13/2010, signed and sealed by Vinu J. Abraham, P.E.
3. Test report on Forced Entry Resistance Test, per FBC 2411 3.2.1, TAS 202-94 of two (one TradeMark and one Showcase) 16’x 7’ Sectional Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G493-0706-10**, dated 08/10/2010, signed and sealed by Vinu J. Abraham, P.E.
4. Test report on Tensile Test per ASTM E8, of steel sheet, prepared by Certified Testing Laboratories, Test Report No. **0205T**, dated 03/30/2010, signed and sealed by Ramesh Patel, P.E.
5. Test report on Salt Spray per ASTM B117 of painted G40 galvanized painted steel, prepared by Wendler Engineering Services, Inc., dated 09/17/2010, signed and sealed by Richard A. Baumann, P.E.

C. CALCULATIONS “Submitted under NOA # 10-0921.05”

1. Jamb attachment verification calculations, prepared by Wendler Engineering Services, Inc., dated 09/16/2010, signed and sealed by Richard A. Baumann, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)



07/25/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 12-0517.16

Expiration Date: January 26, 2016

Approval Date: August 2, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

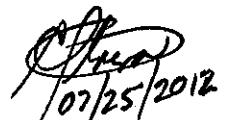
E. MATERIAL CERTIFICATIONS

1. Test report on Surface Burning Characteristics, per ASTM E84 of Type IX EPS, Report No. **3147467SAT-001**, prepared by Intertek Testing Services, NA, Inc., dated 04/10/2008, signed by Chris Bowness, P.E.
2. Test report on Self-Ignition Temperature per ASTM D1929 of Type IX EPS, prepared by Intertek Testing Services, NA, Test Report No. **3147467SAT-002**, dated 06/12/2008, signed by Chris Bowness, P.E.
3. Notice of Acceptance No. **11-0926.07**, issued to Dyplast Products LLC., for their EPS Block Type Insulation, approved on 11/10/2011, and expiring on 01/11/2017.

F. STATEMENTS

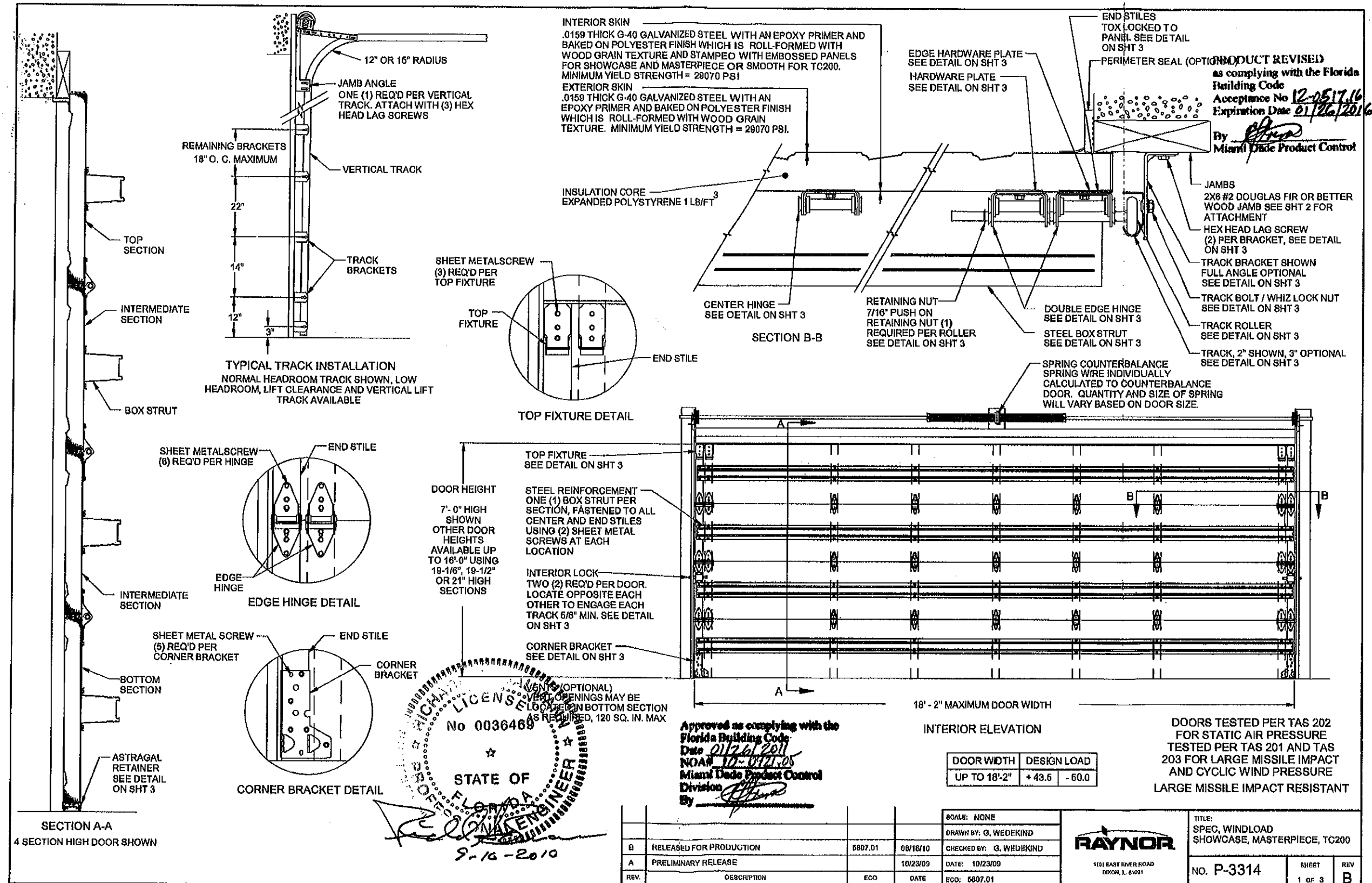
1. Statement letter of code conformance to 2010 FBC, issued by Wendler Engineering Services, Inc., dated 05/14/2012, signed and sealed by Richard A. Baumann, P.E.

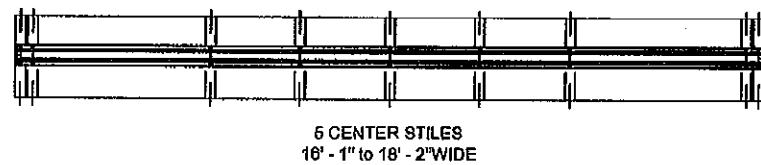
"Submitted under NOA # 10-0921.05"
2. Statement letter of code conformance to FBC 2007, issued by Wendler Engineering Services, Inc., dated 09/17/2010, signed and sealed by Richard A. Baumann, P.E.
3. Statement letter of no financial interest, issued by Wendler Engineering Services, Inc., dated 09/17/2010, signed and sealed by Richard A. Baumann, P.E.
4. Laboratory compliance (FBC 2007) letter for Test Report No. **G493-0403-10**, issued by Hurricane Test Laboratory, LLC, dated 08/13/2010, signed and sealed by Vinu J. Abraham, P.E.



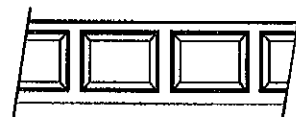
07/25/2012

Carlos M. Utrera, P.E.
Product Control Examiner
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CENTER STILE LAYOUT
INTERIOR VIEW



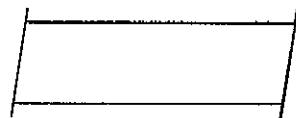
COLONIAL
PANEL



CARRIAGE
HOUSE
PANEL

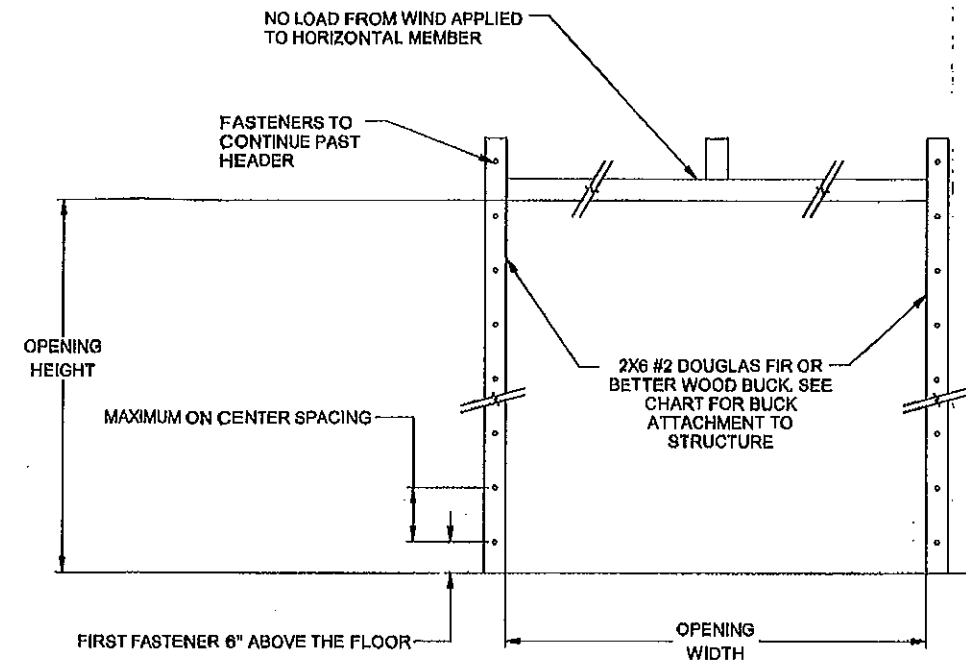


RANCH
PANEL



FLUSH
PANEL

PANEL OPTIONS
EXTERIOR VIEW



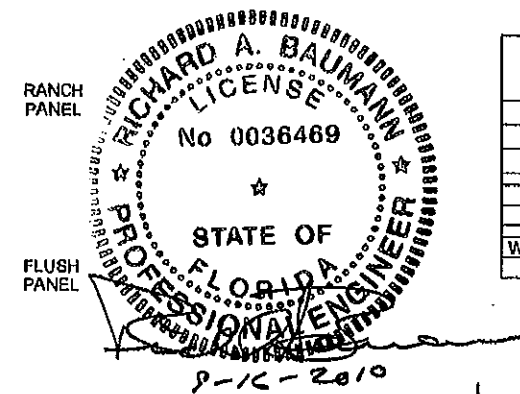
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0517.16
Expiration Date 01/26/2016
By *[Signature]*
Miami Trade Product Control

JAMB ATTACHMENT NOTES

1. 1/4" DIAMETER ANCHORS REQUIRE 5/8" MIN. O.D. STEEL WASHER.
2. 5/16" AND 3/8" DIAMETER FASTENERS REQUIRE 7/8" MIN. O.D. STEEL WASHER.
3. MAXIMUM POSITIVE LOAD PER JAMB = (18' X 43.5 PSF) / 2 = 391.5 LBS PER FOOT.
4. MAXIMUM NEGATIVE LOAD PER JAMB = (18' X 50 PSF) / 2 = 450 LBS PER FOOT.
5. DESIGN OF THE SUPPORTING STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOADS LISTED IN NOTES 3 AND 4.

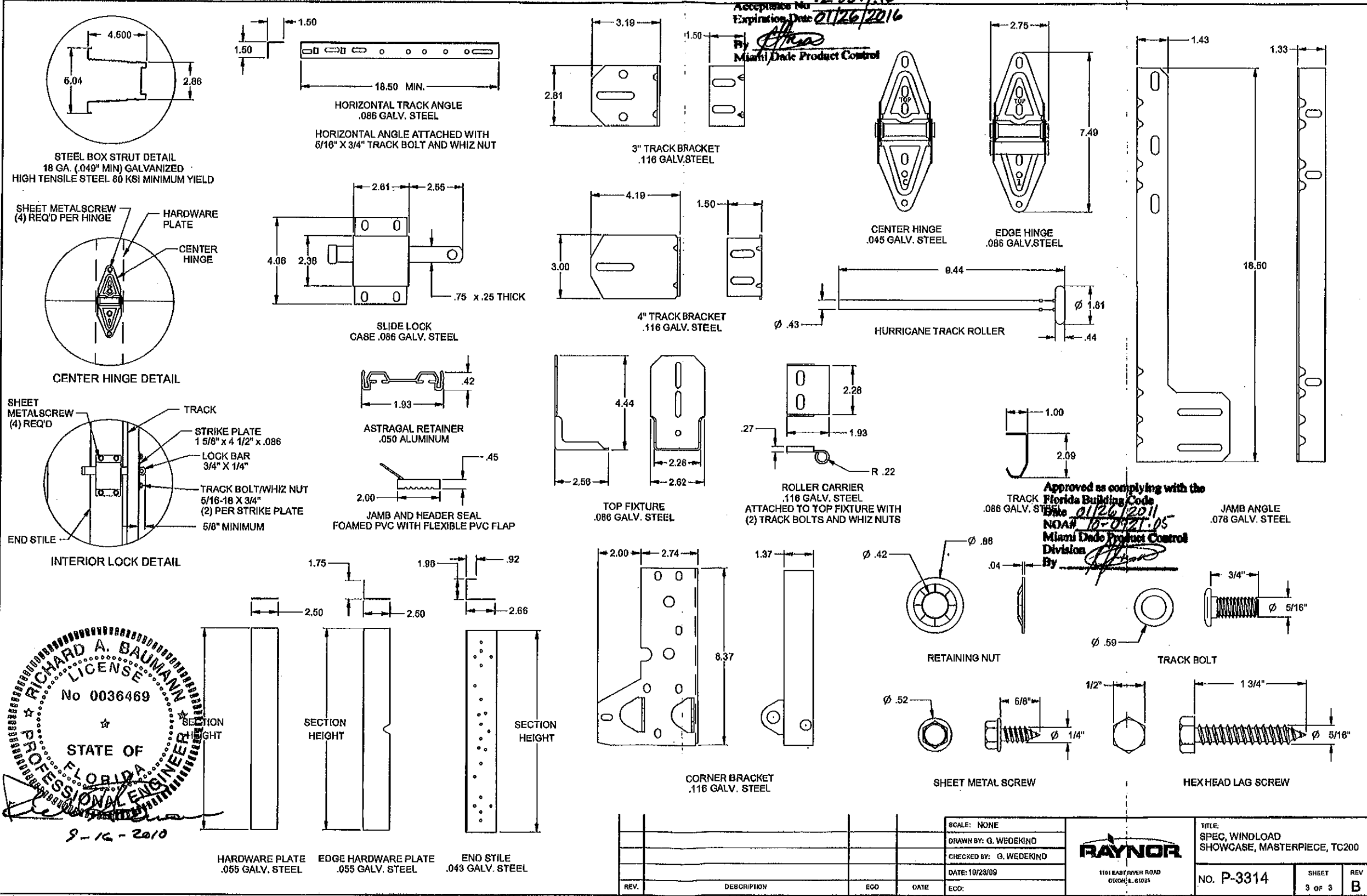
Approved as complying with the
Florida Building Code
Date 01/26/2011
NOA# 10-0921.05
Miami Trade Product Control
Division *[Signature]*
By *[Signature]*

JAMB MATERIAL	FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE	ALLOWABLE TENSION LOAD	MAXIMUM ON CENTER SPACING
GROUT FILLED BLOCK	5/16" DIA X 3 1/4" LONG ITW TAPCON	1 3/4"	4"	487	14-3/4"
3102 PSI CONCRETE	1/4" DIA X 3 1/4" LONG ITW TAPCON	1 3/4"	1"	510	15-1/2"
2800 PSI CONCRETE	5/16" DIA X 3 3/4" LONG ITW TAPCON	2 1/4"	1 9/16"	713	21-1/2"
2000 PSI CONCRETE	3/8" DIA X 3 1/2" POWER STUD ANCHOR	1 5/8"	1 7/8"	360	10-3/4"
4000 PSI CONCRETE	3/8" DIA X 3 1/2" POWER STUD ANCHOR	1 5/8"	1 7/8"	570	17-1/4"
WOOD DOUGLAS FIR (G=46)	5/16" DIA. X 3 1/2"	1 1/2"	1"	352	10-1/2"
WOOD SYP (G=55)	5/16" DIA. X 3 1/2"	1 1/2"	1"	460	14"




REV.	DESCRIPTION	ECO	DATE	ECO	SCALE: NONE	 1401 EAST HAWK ROAD DOCK H. 81021	TITLE: SPEC, WINDLOAD SHOWCASE, MASTERPIECE, TC200 NO. P-3314	SHEET 2 OF 3	REV B
					DRAWN BY: G. WEDEKIND				
					CHECKED BY: G. WEDEKIND				
					DATE: 10/23/09				

PRODUCT REVISED
 as complying with the Florida
 Building Code 12-0517.16
 Acceptance No.
 Expiration Date 01/26/2016
 By *[Signature]*
 Miami Dade Product Control



RICHARD A. BAUMANN
 LICENSE
 No 0036469
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 9-16-2010

				SCALE: NONE	 1101 EAST RIVER ROAD OXONHILL, MD 20841	TITLE: SPEC, WINDLOAD SHOWCASE, MASTERPIECE, TC200		
				DRAWN BY: G. WEDEKIND				
				CHECKED BY: G. WEDEKIND				
				DATE: 10/23/09				
REV.	DESCRIPTION	ECO	DATE	ECO:		NO. P-3314	SHEET 3 of 3	REV B